

Title (en)  
APPARATUS AND METHOD FOR DETERMINING DEGRADATION DEGREE OF BATTERY AND BATTERY PACK COMPRISING THE APPARATUS

Title (de)  
VORRICHTUNG UND VERFAHREN ZUR BESTIMMUNG DES GRADES EINER BATTERIE UND EINES BATTERIEPAKETS MIT DIESER VORRICHTUNG

Title (fr)  
APPAREIL ET MÉTHODE POUR DÉTERMINER LE DEGRÉ DE DÉGRADATION D'UNE BATTERIE ET D'UN BLOC-BATTERIE COMPRENANT L'APPAREIL

Publication  
**EP 3913385 B1 20240605 (EN)**

Application  
**EP 20806580 A 20200507**

Priority  
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Abstract (en)  
[origin: EP3913385A1] Provided are an apparatus, method and battery pack for determining a degradation degree of a battery. The apparatus generates first sensing information indicating a voltage and a current of the battery while the battery is charged with a first constant current. The apparatus generates second sensing information indicating a voltage and a current of the battery for a second period during which the battery is discharged with a second constant current. The apparatus determines a first differential capacity curve based on the first sensing information and a second differential capacity curve based on the second sensing information. The apparatus is configured to determine the degradation degree of the battery based on a voltage value of a first charge feature point of the first differential capacity curve and a voltage value of a first discharge feature point of the second differential capacity curve.

IPC 8 full level  
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